MODIS TECHNICAL TEAM MEETING

Sept. 15, 1994

The MODIS Technical Team Meeting was chaired by Vince Salomonson. Present were Dorothy Hall, Joann Harnden, John Bauernschub, Locke Stuart, David Herring, Al Fleig, Bill Barnes, and Ed Masuoka.

1.0 SCHEDULE OF EVENTS

Sept. 15	**533Q Financial Reports due to Teresa Mautino**
Sept. 20 - 22	SDST Simulation Data Workshop, Flathead Lake, MT
Oct. 11	Calibration Working Group, Holiday Inn, College Park, MD
Oct. 12 - 14	MODIS Science Team Meeting, Holiday Inn, College Park, MD
Oct. 15	Quarterly Technical Report for July-Sept. due to Barbara Conboy
Oct. 17 - 18	Oceans Productivity Working Group, Greenbelt Marriott Hotel

2.0 MINUTES OF THE MEETING

2.1 MODIS Project Reports

According to Bauernschub, Hughes announced their reorganization plans and it appears that much of SBRC that includes those persons working on MODIS will move to the Hughes facility in Los Angeles. The move could potentially affect the progress of MODIS development.

2.2 Oceanographic Cruise Electrical Problems

Barnes reported that Dennis Clark's instrumentation aboard an oceanographic research vessel was accidentally damaged when 220 volts were sent through the ground system. Barnes said Esaias, Stuart, and he are currently exploring funding sources and ways to repair and/or replace the damaged equipment.

2.3 SDST Reports

Masuoka announced that documentation on the SDST Toolkit is in the final stages of review prior to distribution. He said the software that will work with the scan cube is being sent to Paul Menzel so that Menzel's team can begin developing the interface to McIDAS (Man-computer Interactive Data Access System) software.

Masuoka reported that he sent out his software and data requirements survey to the MODIS Team with a response due date of Sept. 23, 1994. SDST is

gathering information about the MODIS team's software for producing standard data products in terms of resource requirements and processing scenarios. In the survey, SDST indicates where there are blank fields to be filled in by Team members. Also, there is a section to be completed by the Science Team members on the execution of their algorithms in the production environment, as well as a table identifying the ancillary data sets they use. Team members should also develop descriptions of their products and upload them to the EOS information server. The ECS Project is hosting a teleconference with all the EOS AM-1 instrument teams on Sept. 27 to make sure that each instrument team will be ready to provide detailed survey results to the Hughes ECS modeling team on Oct. 3.

2.3.1 MODIS BRDF Product

Fleig reported that SDST is beginning discussions with Alan Strahler and Jan-Peter Muller on how their Albedo BRDF (Bidirectional Reflectance Distribution Function) product will be produced.

2.3.2 MODIS Validation Plan

Fleig stated that Frank Hoge is working on a time-filled basis on a MODIS Atlantic test site validation concept, which may be used in part to develop MODIS' validation plan. Fleig said SDST development of the validation plan will begin after the SDST Simulation Data Workshop at Flathead Lake.

2.3.3 SDST and EDC DAAC Working Together

Masuoka provided EDC DAAC with a revised list of Level 3 Land products based on MODIS' temporal requirements rather than the level listed in the SPSO database. He said the EDC DAAC is eager to get a better understanding of the production scenarios and input data set requirements of these products. Masuoka stated that the EDC DAAC is interested in working more closely with the MODIS Team and that a potential joint project would involve developing a ground control point library for MODIS' geolocation.

2.3.4 Gridding

Masuoka announced that SDST is making progress on developing a common set of nested Level 3 grids. Robert Wolfe has reviewed the ISCCP (International Satellite Cloud Climatology Project) grid used by the MODIS Ocean Group as a candidate for a common set of grids. A strawman detailing a proposed set of nested grids will be mailed to the Science Team for comment before the Science Team meeting in October.

2.4 MAST Reports

Stuart will resume leadership of the MODIS Administrative Support Team until a decision is made on who should succeed Harrison.

3.0 ACTION ITEMS

3.1 Action Items Carried Forward

1. *MODIS Team*: Determine how, given the MODIS bowtie effect, MODIS images will be produced at launch.
2. *Science Team:* Provide information to Salomonson regarding the significance of the timing error issue.
3. *Fleig and Ungar*: Interact with the group leaders prior to developing a MODIS data simulation plan for review at the next Science Team Meeting.